

Notice of Allowability

Application No.

10/668,718

Examiner

John Chavis

Applicant(s)

BAUGHER, ERNEST S.

Art Unit

2193

-- The MAILING DATE of this communication appears on the cover sheet with the correspondence address--

All claims being allowable, PROSECUTION ON THE MERITS IS (OR REMAINS) CLOSED in this application. If not included herewith (or previously mailed), a Notice of Allowance (PTOL-85) or other appropriate communication will be mailed in due course. **THIS NOTICE OF ALLOWABILITY IS NOT A GRANT OF PATENT RIGHTS.** This application is subject to withdrawal from issue at the initiative of the Office or upon petition by the applicant. See 37 CFR 1.313 and MPEP 1308.

1. ☒ This communication is responsive to papaers filed 4/17/07.
2. ☒ The allowed claim(s) is/are 1-76.
3. ☐ Acknowledgment is made of a claim for foreign priority under 35 U.S.C. § 119(a)-(d) or (f).
 - a) ☐ All b) ☐ Some* c) ☐ None of the:
 1. ☐ Certified copies of the priority documents have been received.
 2. ☐ Certified copies of the priority documents have been received in Application No. _____.
 3. ☐ Copies of the certified copies of the priority documents have been received in this national stage application from the International Bureau (PCT Rule 17.2(a)).

* Certified copies not received: _____.

Applicant has THREE MONTHS FROM THE "MAILING DATE" of this communication to file a reply complying with the requirements noted below. Failure to timely comply will result in ABANDONMENT of this application.

THIS THREE-MONTH PERIOD IS NOT EXTENDABLE.

4. ☐ A SUBSTITUTE OATH OR DECLARATION must be submitted. Note the attached EXAMINER'S AMENDMENT or NOTICE OF INFORMAL PATENT APPLICATION (PTO-152) which gives reason(s) why the oath or declaration is deficient.
 5. ☐ CORRECTED DRAWINGS (as "replacement sheets") must be submitted.
 - (a) ☐ including changes required by the Notice of Draftsperson's Patent Drawing Review (PTO-948) attached
 - 1) ☐ hereto or 2) ☐ to Paper No./Mail Date _____.
 - (b) ☐ including changes required by the attached Examiner's Amendment / Comment or in the Office action of Paper No./Mail Date _____.
- Identifying indicia such as the application number (see 37 CFR 1.84(c)) should be written on the drawings in the front (not the back) of each sheet. Replacement sheet(s) should be labeled as such in the header according to 37 CFR 1.121(d).
6. ☐ DEPOSIT OF and/or INFORMATION about the deposit of BIOLOGICAL MATERIAL must be submitted. Note the attached Examiner's comment regarding REQUIREMENT FOR THE DEPOSIT OF BIOLOGICAL MATERIAL.

Attachment(s)

1. ☐ Notice of References Cited (PTO-892)
2. ☐ Notice of Draftsperson's Patent Drawing Review (PTO-948)
3. ☒ Information Disclosure Statements (PTO/SB/08),
Paper No./Mail Date 4/17/07
4. ☐ Examiner's Comment Regarding Requirement for Deposit
of Biological Material
5. ☐ Notice of Informal Patent Application
6. ☒ Interview Summary (PTO-413),
Paper No./Mail Date _____
7. ☒ Examiner's Amendment/Comment
8. ☒ Examiner's Statement of Reasons for Allowance
9. ☐ Other _____

EXAMINER'S AMENDMENT

1. An examiner's amendment to the record appears below. Should the changes and/or additions be unacceptable to applicant, an amendment may be filed as provided by 37 CFR 1.312. To ensure consideration of such an amendment, it MUST be submitted no later than the payment of the issue fee.

Authorization for this examiner's amendment was given in a telephone interview with Frank Bruno on 6/29/07. The claims are amended as follows:

74. (Currently Amended) A computer storage medium embodying computer
Computer executable software code transmitted as an information signal, the code for generating rules executable in a target application in a target platform, comprising: code for creating a meta domain attribute; code for creating one or more metarules; code for associating the one or more metarules with the meta domain attribute; code for creating a target domain attribute; code for mapping the meta domain attribute to the target domain attribute; and code for automatically creating a target domain attribute validation function based on the meta domain attribute, the target domain attribute, the mapping between the meta domain attribute and the target domain attribute, the one or more metarules associated with the meta domain attribute, and the target language of the target platform.

75. (Currently Amended) A programmed computer system including a processor for
executing a program for generating rules executable in a target application in a target

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platform, comprising: means for creating a meta domain attribute; means for creating one or more metarules; means for associating the one or more metarules with the meta domain attribute; means for creating a target domain attribute; means for mapping the meta domain attribute to the target domain attribute; and means for automatically creating a target domain attribute validation function based on the meta domain attribute, the target domain attribute, the mapping between the meta domain attribute and the target domain attribute, the one or more metarules associated with the meta domain attribute, and the target language of the target platform.

76. (Currently Amended) A system including a processor for generating rules executable in a target application in a target platform, comprising: a meta domain editor for creating a meta domain attribute and an associated metarule; a target domain editor for creating a target domain attribute and for mapping the meta domain attribute to the target domain attribute; and a target domain attribute validation function generator for automatically generating a target domain attribute validation function based on the meta domain attribute, the associated metarule, the target domain attribute, and the target language of the target platform.

Allowable Subject Matter

2. The following is an examiner's statement of reasons for allowance: the closest prior art reference of record is the patent to Bauman; however, Bauman does not teach or suggest the features of generating validation logic by automatically creating target

domain metarule or attribute validation logic based on the metarule or attribute and a target language of the target platform.


Any comments considered necessary by applicant must be submitted no later than the payment of the issue fee and, to avoid processing delays, should preferably accompany the issue fee. Such submissions should be clearly labeled "Comments on Statement of Reasons for Allowance."

3. Any inquiry concerning this communication or earlier communications from the examiner should be directed to John Chavis whose telephone number is (571) 272-3720. The examiner can normally be reached on M-F, 9:00am-5:30pm, EST.

If attempts to reach the examiner by telephone are unsuccessful, the examiner's supervisor, Meng-Ai An can be reached on (571) 272-3756. The fax phone number for the organization where this application or proceeding is assigned is 571-273-8300.

Information regarding the status of an application may be obtained from the Patent Application Information Retrieval (PAIR) system. Status information for published applications may be obtained from either Private PAIR or Public PAIR. Status information for unpublished applications is available through Private PAIR only. For more information about the PAIR system, see <http://pair-direct.uspto.gov>. Should you have questions on access to the Private PAIR system, contact the Electronic Business Center (EBC) at 866-217-9197 (toll-free). If you would like assistance from a USPTO Customer Service Representative or access to the automated information system, call 800-786-9199 (IN USA OR CANADA) or 571-272-1000.

JC



John Chavis
Primary Examiner AU-2193